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09/904,175**Energy transferring system.****Patent number:** EP0439036**Publication date:** 1991-07-31**Inventor:** MUELLER FRANCIS (CH); BANNWARTH WILHELM DR (DE)**Applicant:** HOFFMANN LA ROCHE (CH)**Classification:****- International:** C07D475/02; C07F15/00; C07H19/22; C07H21/00; C12Q1/68; G01N33/533;  
G01N33/58**- european:** C07H23/00D; G01N33/533; C12Q1/68B2B; C07D475/02; C07H21/00C4;  
C07H21/00G**Application number:** EP19910100343 19910112**Priority number(s):** CH19900000235 19900125**Also published as:**

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Energy-transfer systems which can be used, inter alia, for measuring distances within or between different molecules are described, comprising derivatives of lumazine and ruthenium, in particular derivatives of DNA or RNA sequences.